

**ATC Associates**

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Attn: Mr. Fabio Pedone

Warren &amp; Panzer Engineers, P.C.

228 E. 45th Street

New York

NY 10017

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Project: NYC-DEP W &amp; P File #: 1079.01.02

47 Ann Street

Received: 6/27/02

7:00:00 PM

ATC Group #: 8313

Analysis Date: 6/28/02

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed  
by EPA 40 CFR Part 763 Final Rule (AHERA)**

| Sample          | Volume  | Area<br>Analyzed | Non<br>Asb | Asbestos<br>Type(s) | # Structures<br>0.5µ-5 µ | Analytical<br>Sensitivity<br>(S/cc) | Asbestos<br>Concentration<br>(S/mm <sup>2</sup> )<br>(S/cc) | Notes      |
|-----------------|---------|------------------|------------|---------------------|--------------------------|-------------------------------------|-------------------------------------------------------------|------------|
| 01<br>8313 -1   | 1440.00 | 0.0562           | 0          | None Detected       | 0                        | 0.0048                              | <17.79<br><0.0048                                           |            |
| 02<br>8313 -2   | 1440.00 | 0.2810           | 0          | CHRYSTILE           | 3                        | 0.0048                              | 88.97<br>0.0238                                             |            |
| 03<br>8313 -3   | 1440.00 | 0.0562           | 0          | None Detected       | 0                        | 0.0048                              | <17.79<br><0.0048                                           |            |
| 04<br>8313 -4   | 1440.00 | 0.0562           | 0          | None Detected       | 0                        | 0.0048                              | <17.79<br><0.0048                                           |            |
| 05<br>8313 -5   | 1440.00 | 0.1586           | 0          | CHRYSTILE           | 1                        | 0.0048                              | 53.38<br>0.0143                                             |            |
| 02QC<br>8313 -6 | 1440.00 | 0.8430           | 0          | CHRYSTILE           | 10                       | 0.0048                              | 266.90<br>0.0714                                            | Reanalysis |

MARK PEYSAKHOV

Analyzed by:

MICHAEL A. GORYCKI, Ph.D.

Approved by:

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm<sup>2</sup>. This report may not be reproduced, except in full, without written approval by ATC Associates Inc. This report may not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysis accuracy and precision) is available upon request.

Accredited for NVLAP PLM/TEM #101187-0, NY State ELAP #10679

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PAGE \_\_\_\_ OF \_\_\_\_

P.O. \_\_\_\_\_

**WARREN & PANZER ENGINEERS, P. C.**  
**AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM**

228 East 45th Street  
 New York, NY 10017  
 (212) 922-0077  
 Fax (212) 922-0630

8313

24 hr<sup>+</sup>/a

12 hr<sup>+</sup>/a

6 hr<sup>+</sup>/a

3 hr<sup>+</sup>/a

Immediate <sup>+</sup>/a

CONTACT: \_\_\_\_\_

WASP FILE #: 1075 01 22

LABORATORY: ATE  
 ANALYSIS METHOD: PCM  
 circle one  
 TEM  
 AHERA  
 EPA LEVEL II

CLIENT: DEP  
 PROJECT: 7th FLOOR CLEANUP  
 LOCATION: 47 ADP-SI

TECHNICIAN: \_\_\_\_\_

| SAMPLE NUMBER | SAMPLE DESCRIPTION/LOCATION  | SAMPLE TYPE | PUMP # | FLOWRATE |      | TIME ON | TIME OFF | TOTAL TIME | VOLUME (liters) | CONCENTR. (lb./cc.) |
|---------------|------------------------------|-------------|--------|----------|------|---------|----------|------------|-----------------|---------------------|
|               |                              |             |        | START    | STOP |         |          |            |                 |                     |
| 01            | ENTRY TO NOSE                | 3           |        | 6        | 6    | 8 10    | 12 10    | 240        | 1440            |                     |
| 02            | DECK                         | ↑           |        | ↑        | ↑    | 8 12    | 12 12    |            |                 |                     |
| 03            | CASSETTES of NOSE ADDRESS    | ↑           |        | ↑        | ↑    | 8 14    | 12 14    |            |                 |                     |
| 04            | WEST SIDE of ROOFTOP ADDRESS | ↓           |        | ↓        | ↓    | 8 15    | 12 15    |            |                 |                     |
| 05            | REAR of ROOFTOP              | ↓           |        | ↓        | ↓    | 8 17    | 12 17    | 240        | 1440            |                     |
| 06            | FIELD BLANK                  | 3           |        | 6        | 6    |         |          |            |                 |                     |
| 07            | FIELD BLANK                  | 1           |        |          |      |         |          |            |                 |                     |

COMMENTS: \_\_\_\_\_

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SAMPLE BY: [Signature] DATE: 6-27  
 SIGNATURE: [Signature] DATE: 6-27  
 RELEASED BY: [Signature] DATE: \_\_\_\_\_  
 SIGNATURE: [Signature] DATE: \_\_\_\_\_  
 RECEIVED BY: [Signature] DATE: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_

| SAMPLE TYPE CODES            |                               |              |                |
|------------------------------|-------------------------------|--------------|----------------|
| 1 - Blank                    | 5 - Final Clearance (inside)  | 7 - Personal | 8 - Background |
| 2 - Pre-Abatement            | 6 - Final Clearance (outside) |              |                |
| 3 - During Abatement         |                               |              |                |
| 4 - During Glove Bag Removal |                               |              |                |

SEE REVERSE SIDE FOR ANALYSIS INFORMATION



**ATC Associates Inc.**

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***FACSIMILE TELECOPY TRANSMISSION***

To: Mr. Fabio Pedone  
Warren & Panzer Engineers, P.C.

From: MARK PEYSAKHOV

ATC Group #: 8313

Fax #: (212) 922-9630

Client Project: NYC-DEP W & P File #: 1079.01.02  
47 Ann Street

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Comments:

Leonard & Krist

66 Total Pages